Krejci Dump Site
814 Hines Hill Rd
Hudson, OH 44236

EQIS, Inc.

Mr. Robert McCaig
DOI Project Coordinator
US Bureau of Reclamation (86-68580)
Denver Federal Center
P.O. Box 25007
Denver, CO 80255-0007

20 June 2006

RE: Krejci Dump Site Remedial Action
May 2006 West Hines Hill Road, roadside samples.

Dear Mr. McCaig:

Roadside samples on West Hines Hill Road were collected at the intersection of the bicycle trail with the road as requested by the Department of Interior. The samples collected on 23 May 2006 represent the approximate mid-point of the West Site debris and soil removal. The sample was collected about 13 feet to the south of the intersection. Grass was removed from the soil surface and the soil sample was collected over a 0.5-foot diameter area to a depth of about 0.1 foot. The soil was homogenized in place and placed in laboratory-provided containers. The containers were placed on ice in a cooler and shipped to Severn-Trent Laboratories North Canton (STL) by overnight carrier under chain-of-custody.

The samples were tested as follows:

- metals content (USEPA SW-846, Method 6010B, mercury by Method 7470A)
- leachable metals' concentrations by the Toxicity Characteristic Leaching Procedure (TCLP, USEPA SW-846 Method 1311)
- polychlorinated biphenyls (PCBs, USEPA SW-846, Method 8082)

. The samples met the QA/QC requirements as established in the USEPA methods and meet NELAP requirements for applicable parameters. However, the Bureau of Reclamation, Conestoga Rover Associates, and the laboratory have not yet reached a consensus regarding the validity of laboratory analyses under the site-specific Quality Assurance Project Plan. The STL analytical report is attached.

This is the second round of roadside sampling events. The results of the October 2005 and May 2006 sampling events are summarized in Table 1 (attached). The latest results found no measurable PCB concentrations, comparable to the October 2005 results. The PCB concentrations for both sampling events were below remediation goals. The May 2006 and October 2005 also found no detectable leachable metals' concentrations. No remediation goals were established for leachable metals' concentrations. The May 2006 metals' concentrations show no consistent trends in concentrations among the eight analytes when compared to the October results. The differences appear to reflect the variability in concentration in the soil. The metals' contents are below site remediation goals and below background concentrations.

Please contact Bernd Rehm at 608.669.1249 or at brehm@resolutionpartnersllc.net with questions.

Sincerely,

Bernd W. Rehm PG, CPG
Krejci Site Manager

Attachments: Table 1. Summary of analyses.
STL Analysis Report

Table 1
Summary of W. Hines Hill Road Roadside Soil Sample Analyses (collected at bicycle-trail crossing).
Krejci Dump Site Remedial Action

	13-Oct-05	23-May-06	Remediation Goals[a]	Background Maximum[b]	Site Maximum[b]
Soil Composition (mg/kg, dry weight)					
Aroclor 1016	<0.040	<0.049	0.075	NA[d]	<5.138
Aroclor 1221	<0.040	<0.049	0.075	NA	0.0900
Aroclor 1232	<0.040	<0.049	0.075	NA	0.0500
Aroclor 1242	<0.040	<0.049	0.075	NA	16.00
Aroclor 1248	<0.040	<0.049	0.075	NA	3,300
Aroclor 1254	<0.040	<0.049	0.075	NA	11,900
Aroclor 1260	<0.040	<0.049	0.075	NA	9.792
Arsenic	5.9	6.3	13 (30)	27	298
Barium	41.3	50.1	210 (220)	165	13,374
Cadmium	<0.61	<0.75	0.57 (1.3)	<1	455
Chromium	27.3	16.1	31 (35)	NA	1,829
Lead	12.4	49.2	100	123	52,245
Mercury	<0.12	<0.15	1.7 (2.4)	5	32
Selenium	<0.61	<0.75	1.9 (14)	2	224
Silver	<1.2	<1.5	17	<1.6	629
Leachable Metals (mg/L by TCLP[c])					
Arsenic	<0.50	<0.50	none	NA	NA
Barium	<10.0	<10.0	none	NA	NA
Cadmium	<0.10	<0.10	none	NA	NA
Chromium	<0.50	<0.50	none	NA	NA
Lead	<0.50	<0.50	none	NA	NA
Mercury	<0.0020	<0.0020	none	NA	NA
Selenium	<0.25	<0.25	none	NA	NA
Silver	<0.50	<0.50	none	NA	NA

Notes:

(a) Consent Order (2002). Appendix D. Tier 1 goals (Tier 2 goals, where applicable, are in parenthesis)

(b) Bureau of Reclamation (2000). Final Remedial Investigation Report, Krejci Dump Site, Cuyahoga Valley National Recreation Area.

(c) USEPA SW-846, Method 1311, Toxicity Characteristic Leaching Procedure

(d) Not analyzed.

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

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ANALYTICAL REPORT

W. Hines Hill Road
roadside soil sampling
23 May 2006

PROJECT NO. 1401200-003

KREJCI DUMP SITE,BOSTON HTS,OH

Lot #: A6E250373

Mick Warner

EQ Industrial Services
2701 N. I-94 Service Drive
Ypsilanti, MI 1378738

SEVERN TRENT LABORATORIES, INC.

Denise Heckler for:

Amy L. McCormick
Project Manager

June 7, 2006

CASE NARRATIVE

A6E250373

The following report contains the analytical results for one solid sample submitted to STL North Canton by EQ Industrial Services from the Krejci Dump Site,Boston Hts,OH Site, project number 1401200-003. The sample was received May 25, 2006, according to documented sample acceptance procedures.

STL utilizes USEPA approved methods in all analytical work. The sample presented in this report was analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Bernd Rehm on June 06, 2006. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 29.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 1.3°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The analytical results met the requirements of the laboratory's QA/QC program.

METALS

The analytical results met the requirements of the laboratory's QA/QC program.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)
-

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

EXECUTIVE SUMMARY - Detection Highlights

A6E250373

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RD-3b 05/23/06 13:45 001				
Arsenic	6.3	1.5	mg/kg	SW846 6010B
Lead	49.2	0.45	mg/kg	SW846 6010B
Barium	50.1	29.8	mg/kg	SW846 6010B
Chromium	16.1	1.5	mg/kg	SW846 6010B
Percent Solids	67.0	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A6E250373

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A6E250373

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H57XW	001	RD-3b	05/23/06	13:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

EQ Industrial Services

Client Sample ID: RD-3b

GC Semivolatiles

Lot-Sample #...: A6E250373-001 Work Order #...: H57XW1AA Matrix.....: SO
Date Sampled...: 05/23/06 13:45 Date Received..: 05/25/06
Prep Date.....: 05/26/06 Analysis Date..: 06/02/06
Prep Batch #...: 6146033
Dilution Factor: 1
% Moisture.....: 33 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	49	ug/kg
Aroclor 1221	ND	49	ug/kg
Aroclor 1232	ND	49	ug/kg
Aroclor 1242	ND	49	ug/kg
Aroclor 1248	ND	49	ug/kg
Aroclor 1254	ND	49	ug/kg
Aroclor 1260	ND	49	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(10 - 127)
Decachlorobiphenyl	72	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

EQ Industrial Services

Client Sample ID: RD-3b

TOTAL Metals

Lot-Sample #...: A6E250373-001 Matrix.....: SO
Date Sampled...: 05/23/06 13:45 Date Received..: 05/25/06
% Moisture.....: 33

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6146031						
Mercury	ND	0.15 Dilution Factor: 1	mg/kg	SW846 7471A	05/26-05/30/06	H57XW1AL
Arsenic	6.3	1.5 Dilution Factor: 1	mg/kg	SW846 6010B	05/26-05/30/06	H57XW1AH
Barium	50.1	29.8 Dilution Factor: 1	mg/kg	SW846 6010B	05/26-05/30/06	H57XW1AD
Cadmium	ND	0.75 Dilution Factor: 1	mg/kg	SW846 6010B	05/26-05/30/06	H57XW1AE
Lead	49.2	0.45 Dilution Factor: 1	mg/kg	SW846 6010B	05/26-05/30/06	H57XW1AJ
Chromium	16.1	1.5 Dilution Factor: 1	mg/kg	SW846 6010B	05/26-05/30/06	H57XW1AF
Selenium	ND	0.75 Dilution Factor: 1	mg/kg	SW846 6010B	05/26-05/30/06	H57XW1AK
Silver	ND	1.5 Dilution Factor: 1	mg/kg	SW846 6010B	05/26-05/30/06	H57XW1AG

NOTE(S):
Results and reporting limits have been adjusted for dry weight.

EQ Industrial Services

Client Sample ID: RD-3b

TCLP Metals

Lot-Sample #...: A6E250373-001 Matrix.....: SO
Date Sampled...: 05/23/06 13:45 Date Received..: 05/25/06
Leach Date.....: 05/30/06 Leach Batch #..: P615011

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6151042						
Arsenic	ND	0.50	mg/L	SW846 6010B	05/31/06	H57XW1AM
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010B	05/31/06	H57XW1AN
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	05/31/06	H57XW1AP
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	05/31/06	H57XW1AQ
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	05/31/06	H57XW1AR
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010B	05/31/06	H57XW1AT
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	05/31/06	H57XW1AU
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	05/31/06	H57XW1AV
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

EQ Industrial Services

Client Sample ID: RD-3b

General Chemistry

Lot-Sample #...: A6E250373-001 Work Order #...: H57XW Matrix.....: SO
Date Sampled...: 05/23/06 13:45 Date Received..: 05/25/06
% Moisture.....: 33

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	67.0	10.0	%	MCAWW 160.3 MOD	05/26-05/27/06	6146459

Dilution Factor: 1

SEVERN TRENT STL

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A6E250373
MB Lot-Sample #: A6E260000-033

Work Order #...: H58P61AA

Matrix.....: SOLID

Prep Date.....: 05/26/06
Prep Batch #...: 6146033

Analysis Date..: 06/02/06
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	107	(10 - 127)
Decachlorobiphenyl	91	(40 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A6E250373 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A6E260000-031 Prep Batch #...: 6146031						
Mercury	ND	0.10	mg/kg	SW846 7471A	05/26-05/30/06	H58P41A2
		Dilution Factor: 1				
Arsenic	ND	1.0	mg/kg	SW846 6010B	05/26-05/30/06	H58P41AE
		Dilution Factor: 1				
Barium	ND	20.0	mg/kg	SW846 6010B	05/26-05/30/06	H58P41AA
		Dilution Factor: 1				
Cadmium	ND	0.50	mg/kg	SW846 6010B	05/26-05/30/06	H58P41AD
		Dilution Factor: 1				
Lead	ND	0.30	mg/kg	SW846 6010B	05/26-05/30/06	H58P41AF
		Dilution Factor: 1				
Chromium	ND	1.0	mg/kg	SW846 6010B	05/26-05/30/06	H58P41AQ
		Dilution Factor: 1				
Selenium	ND	0.50	mg/kg	SW846 6010B	05/26-05/30/06	H58P41AG
		Dilution Factor: 1				
Silver	ND	1.0	mg/kg	SW846 6010B	05/26-05/30/06	H58P41AN
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A6E250373 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A6E300000-430 Prep Batch #...: 6151042						
Leach Date.....: 05/30/06 Leach Batch #..: P615011						
Arsenic	ND	0.50	mg/L	SW846 6010B	05/31/06	H6ENW1AC
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010B	05/31/06	H6ENW1AD
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	05/31/06	H6ENW1AE
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	05/31/06	H6ENW1AF
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	05/31/06	H6ENW1AG
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010B	05/31/06	H6ENW1AH
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	05/31/06	H6ENW1AJ
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	05/31/06	H6ENW1AA
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A6E250373

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A6E310000-042 Prep Batch #...: 6151042						
Arsenic	ND	0.50	mg/L	SW846 6010B	05/31/06	H6E691AU
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010B	05/31/06	H6E691AV
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	05/31/06	H6E691AW
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	05/31/06	H6E691AX
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	05/31/06	H6E691A0
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010B	05/31/06	H6E691A1
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	05/31/06	H6E691A2
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	05/31/06	H6E691AJ
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A6E250373 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
		Work Order #: H6A641AA		MB Lot-Sample #:	A6E260000-459	
Percent Solids	ND	10.0	%	MCAWW 160.3 MOD	05/26-05/27/06	6146459
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A6E250373
LCS Lot-Sample#: A6E260000-033
Prep Date.....: 05/26/06
Prep Batch #...: 6146033
Dilution Factor: 1

Work Order #...: H58P61AC
Analysis Date..: 06/05/06

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	93	(41 - 130)	SW846 8082
Aroclor 1260	105	(42 - 130)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 127)
Decachlorobiphenyl	106	(40 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A6E250373

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#:	A6E260000-031	Prep Batch #...: 6146031			
Mercury	99	(73 - 123)	SW846 7471A Dilution Factor: 1	05/26-05/30/06	H58P41CT
Barium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	05/26-05/30/06	H58P41A3
Arsenic	88	(80 - 120)	SW846 6010B Dilution Factor: 1	05/26-05/30/06	H58P41A6
Cadmium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	05/26-05/30/06	H58P41A5
Lead	89	(80 - 120)	SW846 6010B Dilution Factor: 1	05/26-05/30/06	H58P41A7
Selenium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	05/26-05/30/06	H58P41A8
Chromium	87	(80 - 120)	SW846 6010B Dilution Factor: 1	05/26-05/30/06	H58P41CH
Silver	101	(80 - 120)	SW846 6010B Dilution Factor: 1	05/26-05/30/06	H58P41CF

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A6E250373 Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#:	A6E310000-042	Prep Batch #...: 6151042			
Arsenic	95	(50 - 150)	SW846 6010B Dilution Factor: 1	05/31/06	H6E691A3
Barium	101	(50 - 150)	SW846 6010B Dilution Factor: 1	05/31/06	H6E691A4
Cadmium	100	(50 - 150)	SW846 6010B Dilution Factor: 1	05/31/06	H6E691A5
Chromium	105	(50 - 150)	SW846 6010B Dilution Factor: 1	05/31/06	H6E691A6
Lead	101	(50 - 150)	SW846 6010B Dilution Factor: 1	05/31/06	H6E691A7
Selenium	102	(50 - 150)	SW846 6010B Dilution Factor: 1	05/31/06	H6E691A8
Silver	114	(50 - 150)	SW846 6010B Dilution Factor: 1	05/31/06	H6E691A9
Mercury	116	(50 - 150)	SW846 7470A Dilution Factor: 1	05/31/06	H6E691AT

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A6E250373
MS Lot-Sample #: A6E250217-003
Date Sampled...: 05/23/06 14:20
Prep Date.....: 05/26/06
Prep Batch #...: 6146033
Dilution Factor: 1

Work Order #...: H56TA1AP-MS
H56TA1AQ-MSD
Date Received..: 05/25/06
Analysis Date..: 06/02/06

Matrix.....: SOLID

% Moisture.....: 9.2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	150	(10 - 200)			SW846 8082
	135	(10 - 200)	10	(0-30)	SW846 8082
Aroclor 1260	81	(10 - 200)			SW846 8082
	91	(10 - 200)	11	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 127)
	77	(10 - 127)
Decachlorobiphenyl	72	(40 - 138)
	75	(40 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A6E250373 Matrix.....: SOLID
Date Sampled...: 05/24/06 08:40 Date Received..: 05/25/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A6E250186-015 Prep Batch #...: 6146031						% Moisture.....: 26	
Mercury	96	(10 - 199)			SW846 7471A	05/26-05/30/06	H56NM1DN
	96	(10 - 199)	0.08	(0-50)	SW846 7471A	05/26-05/30/06	H56NM1DP
		Dilution Factor: 1					
Arsenic	82	(75 - 125)			SW846 6010B	05/26-05/30/06	H56NM1AR
	83	(75 - 125)	1.1	(0-20)	SW846 6010B	05/26-05/30/06	H56NM1AT
		Dilution Factor: 1					
Barium	87	(75 - 125)			SW846 6010B	05/26-05/30/06	H56NM1AC
	89	(75 - 125)	1.9	(0-20)	SW846 6010B	05/26-05/30/06	H56NM1AD
		Dilution Factor: 1					
Cadmium	85	(75 - 125)			SW846 6010B	05/26-05/30/06	H56NM1AJ
	86	(75 - 125)	1.0	(0-20)	SW846 6010B	05/26-05/30/06	H56NM1AK
		Dilution Factor: 1					
Lead	81	(75 - 125)			SW846 6010B	05/26-05/30/06	H56NM1AV
	83	(75 - 125)	1.9	(0-20)	SW846 6010B	05/26-05/30/06	H56NM1AW
		Dilution Factor: 1					
Chromium	94	(75 - 125)			SW846 6010B	05/26-05/30/06	H56NM1CR
	98	(75 - 125)	2.7	(0-20)	SW846 6010B	05/26-05/30/06	H56NM1CT
		Dilution Factor: 1					
Selenium	86	(75 - 125)			SW846 6010B	05/26-05/30/06	H56NM1A0
	87	(75 - 125)	1.5	(0-20)	SW846 6010B	05/26-05/30/06	H56NM1A1
		Dilution Factor: 1					
Silver	93	(75 - 125)			SW846 6010B	05/26-05/30/06	H56NM1CK
	94	(75 - 125)	1.6	(0-20)	SW846 6010B	05/26-05/30/06	H56NM1CL
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A6E250373 Matrix.....: SOLID
Date Sampled...: 05/19/06 Date Received..: 05/24/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A6E240306-001 Prep Batch #...: 6151042							
Leach Date.....: 05/30/06 Leach Batch #..: P615011							
Arsenic	98	(50 - 150)			SW846 6010B	05/31/06	H54H11A6
	100	(50 - 150)	2.4	(0-20)	SW846 6010B	05/31/06	H54H11A7
		Dilution Factor: 5					
Barium	98	(50 - 150)			SW846 6010B	05/31/06	H54H11A9
	100	(50 - 150)	2.2	(0-20)	SW846 6010B	05/31/06	H54H11CA
		Dilution Factor: 5					
Cadmium	102	(50 - 150)			SW846 6010B	05/31/06	H54H11CD
	106	(50 - 150)	2.3	(0-20)	SW846 6010B	05/31/06	H54H11CE
		Dilution Factor: 5					
Chromium	105	(50 - 150)			SW846 6010B	05/31-06/01/06	H54H11CG
	108	(50 - 150)	2.4	(0-20)	SW846 6010B	05/31-06/01/06	H54H11CH
		Dilution Factor: 5					
Lead	104	(50 - 150)			SW846 6010B	05/31/06	H54H11CK
	106	(50 - 150)	2.2	(0-20)	SW846 6010B	05/31/06	H54H11CL
		Dilution Factor: 5					
Selenium	102	(50 - 150)			SW846 6010B	05/31/06	H54H11CN
	105	(50 - 150)	2.9	(0-20)	SW846 6010B	05/31/06	H54H11CP
		Dilution Factor: 5					
Silver	99	(50 - 150)			SW846 6010B	05/31/06	H54H11CR
	101	(50 - 150)	2.5	(0-20)	SW846 6010B	05/31/06	H54H11CT
		Dilution Factor: 5					
Mercury	112	(50 - 150)			SW846 7470A	05/31/06	H54H11A3
	107	(50 - 150)	4.6	(0-20)	SW846 7470A	05/31/06	H54H11A4
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A6E250373 Work Order #...: H56TX-SMP H56TX-DUP Matrix.....: SOLID

Date Sampled...: 05/23/06 13:30 Date Received..: 05/25/06

% Moisture.....: 21

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A6E250223-001		
	78.9	80.4	%	1.8	(0-20)	MCAWW 160.3 MOD	05/26-05/27/06	6146459

Dilution Factor: 1

hain of ustody Record

SEVERN TRENT **STL®**

Severn Trent Laboratories, Inc.

26

4124 (0901)

ent: EQ Industrial Services

Project Manager: Mick Warner

Date: 23 May 2006

Chain of Custody Number: 272375

Address: 2701 N I-94 Service Dr

Telephone Number (Area Code)/Fax Number

Lab Number

Page 1 of 1

City: Ypsilanti | State: MI | Zip Code: 48198

Site Contact: Bernd Rohm | Lab Contact: McCormick

Project Name and Location (State): Krejci Dump Site, Boston Hts, OH

Carrier/Waybill Number: 330.655.0794

Contract/Purchase Order/Quote No.: 1401200-003

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs	TCLP metals	Total metals	Special Instructions/ Conditions of Receipt
RD-36	23May06	1345				X	3						X	X	X	

Possible Hazard Identification

[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

[ ] 24 Hours [ ] 48 Hours [ ] 7 Days [X] 14 Days [ ] 21 Days [ ] Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bernd Rohm	23May06	0700	1. Received By:	5-25-06	9:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** ALE250

North Canton Facility

Client: EQ. Ind. Serv. Project: Krejci Dump Quote#:

Cooler Received on: 5-25-06 Opened on: 5-25-06 by: (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐

Stetson ☐ US Cargo ☐ Other:

STL Cooler No# L197 Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 1
   Were the custody seals signed and dated? Yes ☒ No ☐ NA ☐
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☐ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt 1.3 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_20 Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
14. Does the trip blank number match the cooler number in which it was received? Yes ☐ No ☐ NA ☒

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning:

√	
	1. CHAIN OF CUSTODY
	The following discrepancies occurred:
	2. SAMPLE CONDITION
	Sample(s) _____ were received after the recommended holding time had expired.
	Sample(s) _____ were received in a broken container.
	3. SAMPLE PRESERVATION
	Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #* 122805-*HNO3; Sulfuric Acid Lot #* 100405-*H2SO4; Sodium Hydroxide Lot #* -100405 -*NaOH; Hydrochloric Acid Lot #* 100504-*HCl; Sodium Hydroxide and Zinc Acetate Lot #* 071604-*CH3COO2ZN/NaOH*
	Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)
	4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

END OF REPORT